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IN THE CLAIMS

Please amend the claims as follows:

2. (Twice Amended) A method of constructing a segmented wound member of an N phase electromechanical device, comprising:

(A) winding N sets of stator segments, each segment comprising a bobbin, the N sets of segments being wound with a single continuous length of wire for each set such that the segments of each set are electrically in series, including

(1) arranging a plurality of segments in a side-by-side orientation along central axis, the plurality of segments forming one of the N sets of segments;

(2) winding the plurality of segments about the central axis;

and

(3) repeating steps (1) and (2) for each of the remaining sets of segments; and

(B) combining the N sets of segments in a common circumferentially adjacent circular arrangement to form the wound member.

21. (Thrice Amended) The method of claim 2, wherein, during the winding step (2), relative rotation between the plurality of segments and the wire dispenser is established by virtue of the plurality of segments rotating and the wire dispenser remaining stationary.

23. (Twice Amended) A method of constructing a segmented wound member of an N phase electromechanical device, comprising:

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(A) winding N sets of segments, each segment of the N sets of segments comprising a bobbin, the N sets of segments being wound with a single continuous length of wire for each set, the winding step including

(1) arranging a plurality of segments in a side-by-side orientation along an axis of rotation, the plurality of segments forming one of the N sets of segments,

(2) rotating the plurality of segments about the axis of rotation, and

(3) winding the plurality of segments, including

(a) winding a segment while the wire dispenser is positioned adjacent the segment and the segment is rotating, the segment being one of the plurality of segments, then

(b) if a next segment of the plurality of segments remains to be wound, then moving the wire dispenser in a direction parallel to the axis of rotation to a position adjacent the next segment, and then returning the winding step (A)(3)(a) to wind the next segments, such that the winding step (A)(3)(a) and the moving step (A)(3)(b) are performed until all of the segments of the plurality of segments have been wound, and

(4) repeating the arranging step (A)(1), the rotating step (A)(2), and the winding step (A)(3) for each of the remaining sets of segments; and

(B) combining the N sets of segments in a common circumferentially adjacent arrangement to form the wound member; and

wherein each of the N sets of segments is wound separately from remaining ones of the sets of segments and then combined in the common circular arrangement with the remaining ones of the sets of segments to form the wound member.

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30. (Amended) The method of claim 34, further comprising combining the plurality of segments in a circular arrangement to form the wound member.

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31. (Amended) The method of claim 34, wherein the segments are held in a rotary clamp during the winding step.

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33. (Amended) The method of claim 34 wherein the segments engage one another during the winding step.

Please add the following new claims:

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34. (New) A method of winding segment of a segmented wound member of an electromechanical device, comprising:

(A) arranging a plurality of stator segments in a side-by-side orientation along an axis of rotation, each stator segment of the plurality of stator segments comprising a bobbin; and

(B) winding a wire dispensed from a wire dispenser into each of the plurality of segments with respect to the axis of rotation such that the plurality of segments are electrically in series.

35. (New) The method of claim 34, wherein the arranging and winding steps are performed N times, N being equal to a number of phases of the electromechanical device, and wherein a total of N sets of M segments are wound for the electromechanical device, M being determined by a number of poles of the electromechanical device and being equal to the number of segments that arranged and wound during each performance of the arranging and winding steps, and wherein the N sets of M segments are combined into the common circular arrangement.

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36. (New) The method of claim 34, wherein, during the winding step, relative rotation between the plurality of segments and the wire dispenser is established by virtue of the plurality of segments rotating and the wire dispenser remaining substantially stationary.

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Concluded